C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.13.c   WXY (PEER 5) CRASH TESTS

C-A-OPM Procedures in which this Attachment is used.		
4.120.13		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approved: _____*Signature on File*_____ _____
Collider-Accelerator Department Chairman   Date

V. Castillo

4.120.13.c   WXY (PEER 5) Crash Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____   **Checksum: _____**

Division B Software Filename and Checksum: Title:_____   **Checksum: _____**

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Initial testing complete:

Test Team Leader's Name (Print): _____   **Life Number: _____**

Test Team Leader's Name (Sign): _____   **Date: _____/_____/_____**

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____   **Life Number:_____**

Test Team Leader's Name (Sign): _____   **Date: _____/_____/_____**

Test results reviewed by:

Safety Section Head's Name (Print):_____   **Life Number: _____**

Safety Section Head's Name (Sign):_____   **Date: _____/_____/_____**

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____   **Life Number: _____**

 RSC Member's Name (Sign):_____   **Date: _____/_____/_____**

1.1   Test of Y-Line Loop Crash Systems

        CONDUCT   Visual check on Crash systems, following columns 1- 2, Table 1
☐ **VERIFY**   In column 3, Table 1, all visual check problems are   **CORRECTED**
    PLACE   Peer 5 in **MODE 8**
☐ **VERIFY**   Peer 5 is in **Restricted Access**   **MODE 8**
    TEST   **Y Line Loop** Crash systems following Table 1, columns 4-10, below.

Crash systems	Visual check √=o.k. x=pblm	Verify all x's corr.	Pull crash cord from far end	Verify crash at MCR	Verify change to Mode 2	Rearm crash device	Reset crash at MCR	Verify crash reset at MCR	Change to Mode 8 for next test
YCO1-Left		☐		☐	☐			☐	
YCO1-Right		☐		☐	☐			☐	
YCO2-Left		☐		☐	☐			☐	
YCO2-Right		☐		☐	☐			☐	

Table 1 – Test of Y Line LoopCrash Systems

☐   **Check for acceptance of Test of Y-Line Loop Crash Systems**

1.2   Test of X-Line Loop Crash Systems

        CONDUCT   Visual check on Crash systems, following columns 1- 2, Table 2
                             below
☐ **VERIFY**   In column 3, Table 2, all visual check problems are   **CORRECTED**
    PLACE   Peer 5 in **MODE 8**
☐ **VERIFY**   Peer 5 is in **Restricted Access**   **MODE 8**
    TEST   **X Line Loop** Crash systems following columns 4-10, Table 2.

Crash systems	Visual check √=o.k. x=pblm	Verify all x's corr.	Pull crash cord from far end	Verify crash at MCR	Verify change to Mode 2	Rearm crash device	Reset crash at MCR	Verify crash reset at MCR	Change to Mode 8 for next test
XCO1-Left		☐		☐	☐			☐	
XCO1-Right		☐		☐	☐			☐	
XCO2-Left		☐		☐	☐			☐	
XCO2-Right		☐		☐	☐			☐	

Table 2 – Test of X Line Loop Crash Systems

☐   **Check for acceptance of Test of X-Line Loop Crash Systems**

1.3   Test of W-Line Loop Crash Systems

CONDUCT   Visual check on Crash systems, following columns 1- 2, Table 3
☐ VERIFY   In column 3, Table 3, all visual check problems are   **CORRECTED**
PLACE   Peer 5 in **MODE 8**
☐ VERIFY   Peer 5 is in **Restricted Access**   **MODE 8**
TEST   **W Line Loop** Crash systems following Table 3, columns 4-10, below.

Crash systems	Visual check √=o.k. x=pblm	Verify all x's corr.	Pull crash cord from far end	Verify crash at MCR	Verify change to Mode 2	Rearm crash device	Reset crash at MCR	Verify crash reset at MCR	Change to Mode 8 for next test
WCO1-Left		☐		☐	☐			☐	
WCOI-Right		☐		☐	☐			☐	
WCO2-Left		☐		☐	☐			☐	
WCO2-Right		☐		☐	☐			☐	

Table 3– Test of W Line LoopCrash Systems
☐   **Check for acceptance of Test of W-Line Loop Crash Systems**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: _____/____/_____

TTL: Sign for completion of final testing: _____

Date: _____/_____/_____